

WHAT IS CLAIMED IS:

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1. A two-dimensional image pickup apparatus comprising an apparatus cabinet containing therein a substrate member and a photoelectric converter unit having a plurality of photoelectric converters formed on the substrate member, at least the photoelectric converter unit being arranged on a base member and the portion of the cabinet located opposite to its light receiving section is deformable.
2. A two-dimensional image pickup apparatus according to claim 1, wherein the portion of the cabinet located opposite to the light receiving section can restore the original position after deformation.
3. A two-dimensional image pickup apparatus according to claim 1, wherein the magnitude of deformation of the portion of the cabinet located opposite to the light receiving section is greater than that of the substrate member.
4. A two-dimensional image pickup apparatus according to claim 1, wherein a shock absorbing means is arranged between the photoelectric converter unit and the cabinet.
5. A two-dimensional image pickup apparatus

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according to claim 4, wherein the shock absorbing means comprises containers.

6. A two-dimensional image pickup apparatus
5 according to claim 5, wherein the containers are air bags.

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10 7. A two-dimensional image pickup apparatus
according to claim 1, further comprising a circuit
board for processing electric signals from the
photoelectric converters also contained in the image
pickup apparatus, cooling liquid being contained in a
sealed state at least in the containers held in direct
contact with the electronic parts arranged on the
15 electric circuit substrate.

8. A two-dimensional image pickup apparatus
according to claim 1, wherein the portion of the
cabinet located opposite to the light receiving section
20 is made of resin.

9. A two-dimensional image pickup apparatus
according to claim 1, wherein the resin contains
carbon-fiber-reinforced resin.

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10. A two-dimensional image pickup apparatus
according to claim 1, wherein the photoelectric

converter unit include a fluorescent body.

11. A two-dimensional image pickup apparatus
comprising a substrate, a photoelectric converter unit
5 having a plurality of photoelectric converters formed
on the substrate and a cabinet containing the
photoelectric converter unit, a shock absorbing means
being arranged between the photoelectric converter unit
and the cabinet.

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12. A two-dimensional image pickup apparatus
according to claim 11, wherein the shock absorbing
means comprises containers.

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13. A two-dimensional image pickup apparatus
according to claim 12, wherein the containers contain
gas in a sealed state.

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14. A two-dimensional image pickup apparatus
according to claim 12, wherein the containers are air
bags.

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15. A two-dimensional image pickup apparatus
according to claim 11, further comprising a circuit
board contained in the cabinet for processing electric
signals relating to the photoelectric converters and a
cooling means held in contact with the electronic parts

of the circuit substrate.

16. A two-dimensional image pickup apparatus
according to claim 15, wherein the cooling means
5 comprises containers containing cooling liquid therein.

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